

Technical Group  
Miscellaneous Technical Series

TRAFFIC SIGNAL INSTALLATION SUPERVISOR  
03/95

### *Summary*

Under general supervision, supervises and participates in the installation, maintenance and repair of traffic signal systems and street lighting; performs related work as required.

### *Typical Duties*

Supervises and coordinates activities of workers engaged in construction, installation, inspection and maintenance of electrical traffic signals; installs overhead and underground interconnect multiconductor cables; assembles vehicle and pedestrian signal heads.

Installs, maintains and repairs mercury-vapor, high and low pressure sodium, fluorescent, metal halide, or incandescent street lights; disassembles, cleans and reassembles lighting fixtures and components; performs emergency repairs on street lights.

Supervises and participates in installing and repairing traffic signals and street lights; installs and splices wires; replaces blown fuses, burned light bulbs, etc.; supervises the preparation of concrete bases, the installation of underground conduit and power risers, signal heads, standards, mast arms and controller cabinets, etc.; checks circuits and electric components as required to assure proper installation of wires or cables and to locate grounded wires, broken connections, or defective current-control safety mechanisms; reads work orders and determines materials, manpower and equipment needed for the installation, maintenance and/or repair of traffic signals or street lighting; meets with proper utility or service company to discuss location of services runs prior to excavation activities.

Supervises, trains and evaluates the work for assigned personnel; supervises preventive maintenance of traffic signals and street lights; supervises the operation of job related equipment.

Assures compliance with safety working practices, rules and regulations; places safety warning signs, flags or barriers at work site; assures that vehicles and construction equipment are safe and properly maintained; loads and unloads tools, signal or street light parts, and supplies from truck as required.

Prepares daily work report.

### *Minimum Qualifications*

**Training and Experience:** Graduation from high school or G.E.D. and three years of progressively responsible experience in the installation, maintenance and repair of traffic signals systems and street lighting, including one year of supervisory experience; or an equivalent combination of training and experience.

**Knowledge, Abilities and Skills:** Considerable knowledge of the installation of traffic signal systems and street lighting; considerable knowledge of the equipment, tools, materials, methods and safe working practices of the job; good knowledge of electro-mechanical traffic control equipment.

Ability to supervise and train assigned personnel; ability to follow oral and written instructions; ability to read and work from blueprints and sketches; ability to enforce safe working practices and procedures; ability to establish and maintain effective working relationships with fellow employees and the general public; ability to prepare daily work reports.

Skill in the use of tools and equipment of the job.

**Physical Requirements:** Standing, sitting, stooping, kneeling, bending, lifting and carrying of heavy loads (50 lbs. and over); operation of a motor vehicle through city traffic; ability to work under adverse weather conditions.

**Licenses and Certificates:** Commercial Driver's License.

**Special Requirement:** Positions assigned duties which require a Commercial Driver's License (CDL) to operate vehicles on public thoroughfares, [or positions of a safety sensitive nature within Mass Transit], are subject to federal drug and alcohol testing regulations, which include preemployment, post-accident, reasonable suspicion, random, return to duty and follow-up testing.

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Director of Personnel

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Department Head